

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016105.D
 Acq On : 27 Oct 2023 15:10
 Operator : SY/MD
 Sample : 05050-08
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3

Quant Time: Oct 30 06:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	105070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81008	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63883	61.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.300%
35) Dibromofluoromethane	7.722	113	61205	53.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.720%
50) Toluene-d8	10.179	98	217400	51.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.483	95	73410	50.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.740%

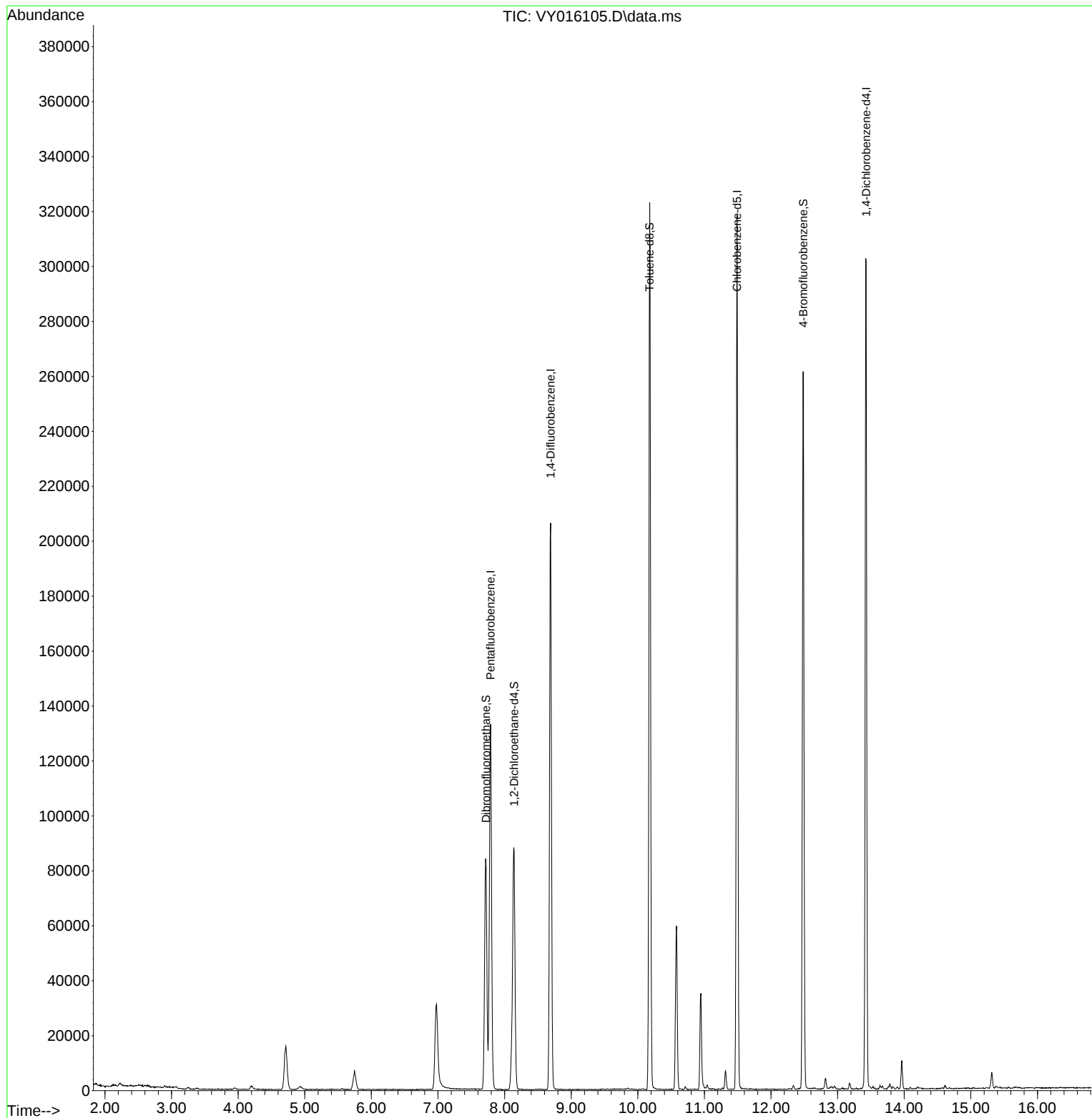
Target Compounds	Qvalue

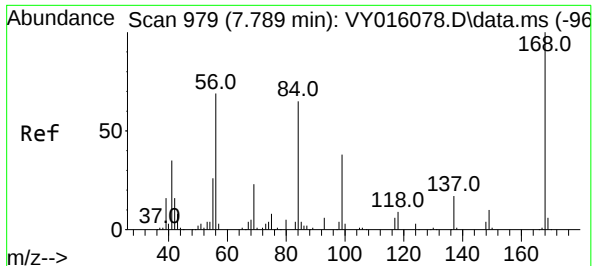
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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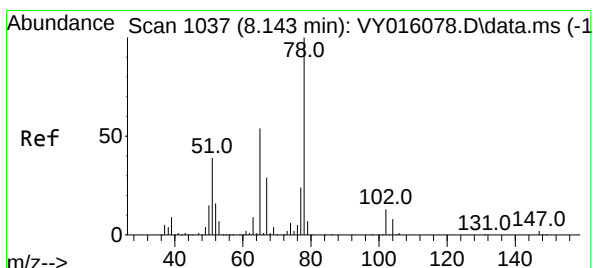
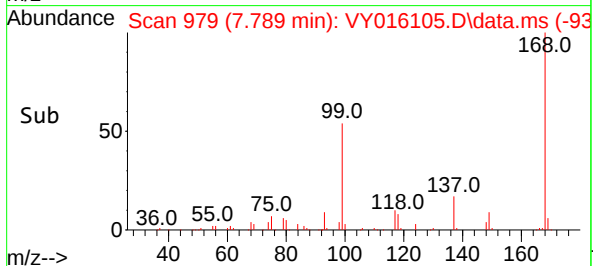
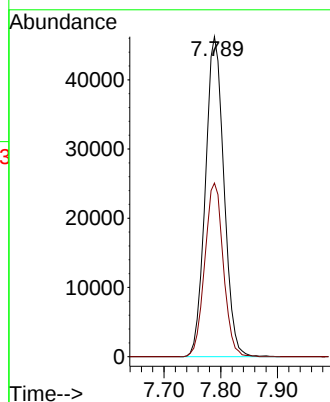
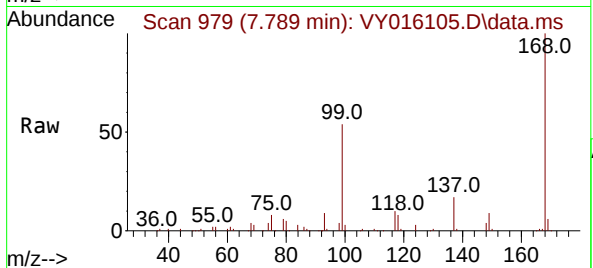




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

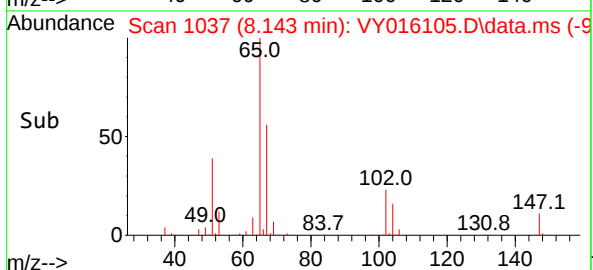
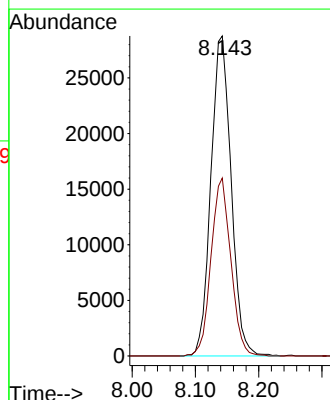
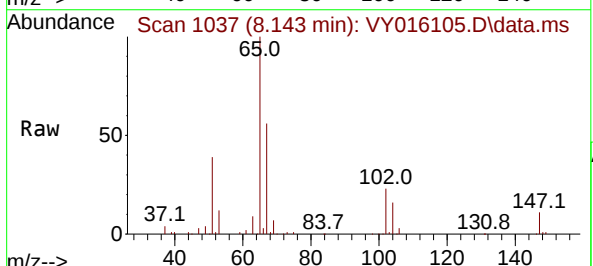
Instrument :
MSVOA_Y
ClientSampleId :
B3

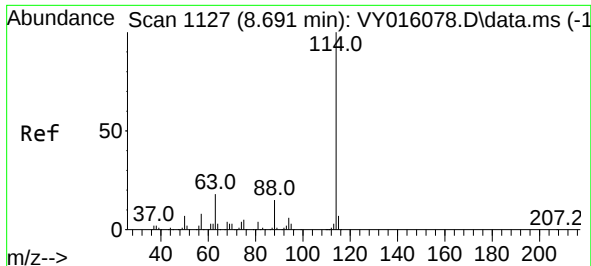
Tgt Ion:168 Resp: 105070
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.145 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Tgt Ion: 65 Resp: 63883
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.8

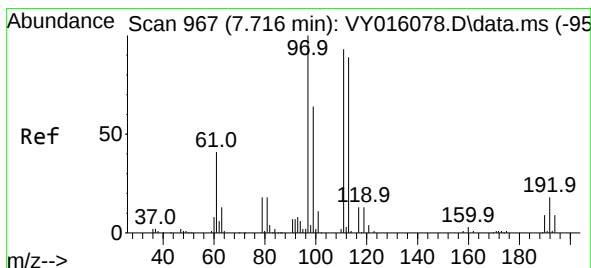
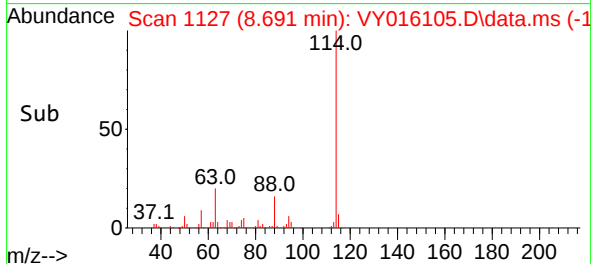
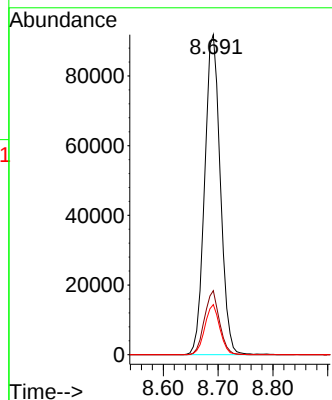
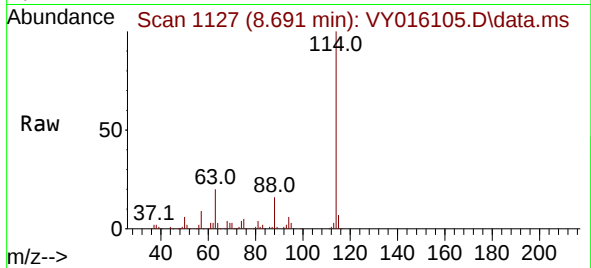




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016105.D
 Acq: 27 Oct 2023 15:10

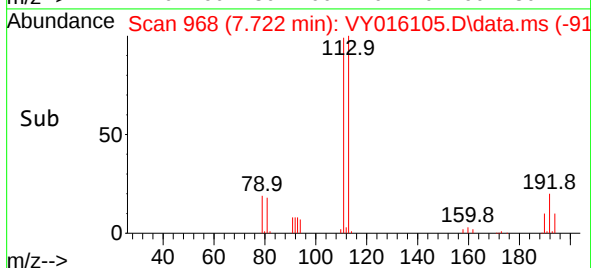
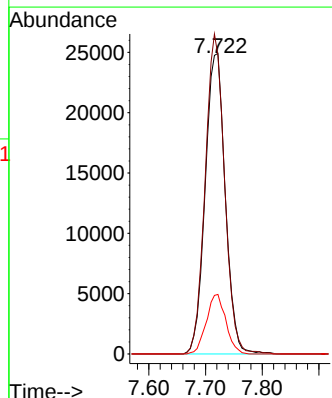
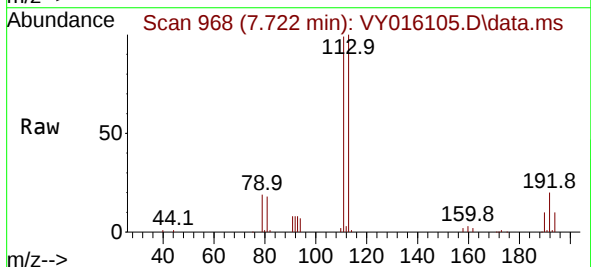
Instrument :
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 ClientSampleId :
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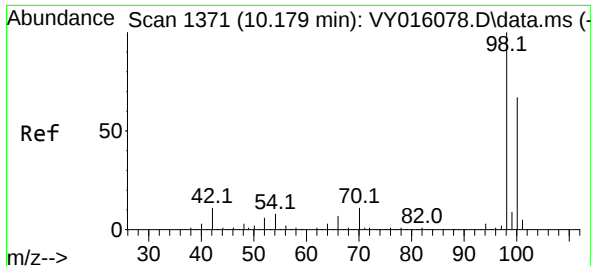
Tgt Ion:114	Resp:	181695
Ion	Ratio	Lower Upper
114	100	
63	20.0	0.0 42.4
88	15.7	0.0 30.6



#35
 Dibromofluoromethane
 Concen: 53.359 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY016105.D
 Acq: 27 Oct 2023 15:10

Tgt Ion:113	Resp:	61205
Ion	Ratio	Lower Upper
113	100	
111	102.8	81.3 121.9
192	19.2	16.9 25.3

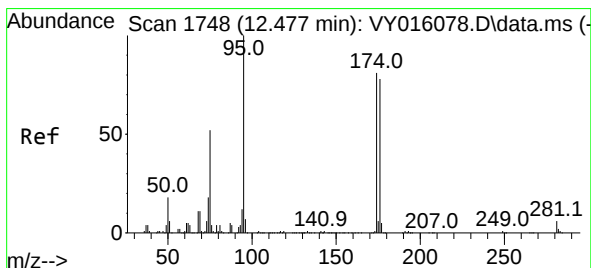
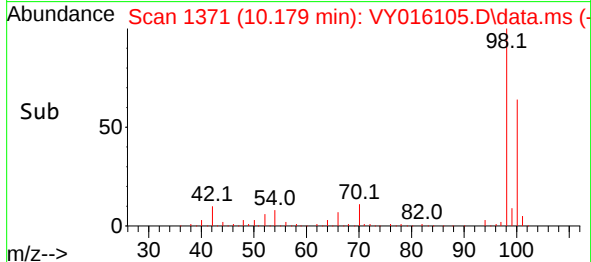
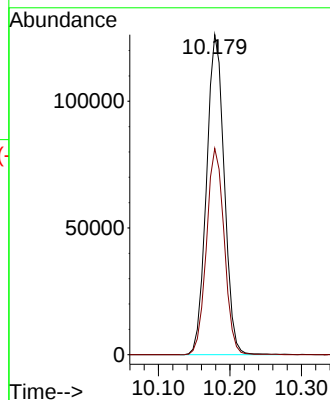
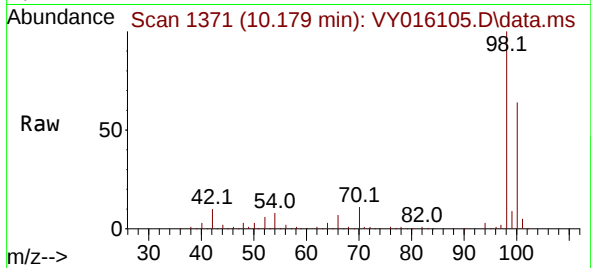




#50
Toluene-d8
Concen: 51.167 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

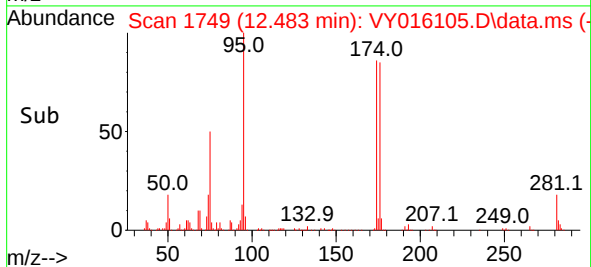
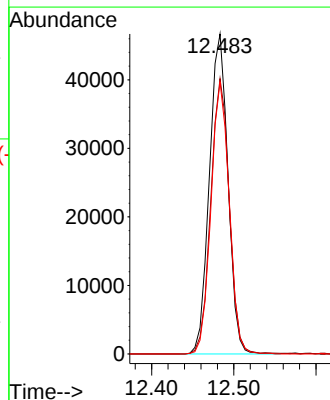
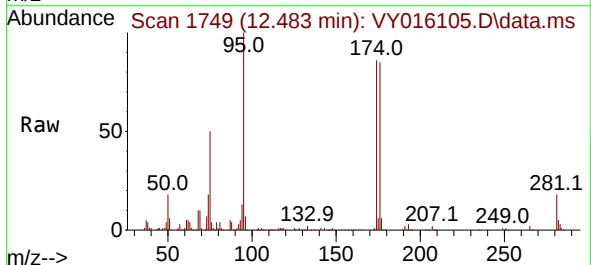
Instrument :
MSVOA_Y
ClientSampleId :
B3

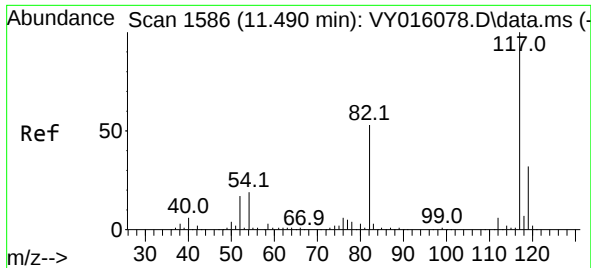
Tgt Ion: 98 Resp: 217400
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Tgt Ion: 95 Resp: 73410
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 83.3 0.0 173.8

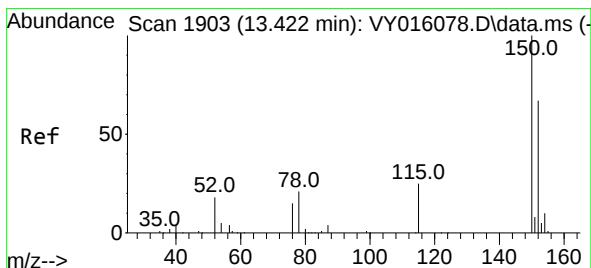
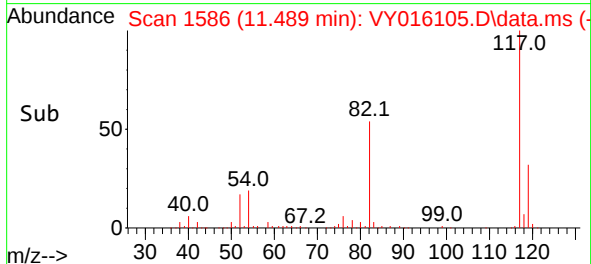
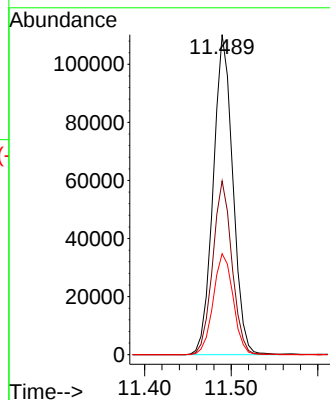
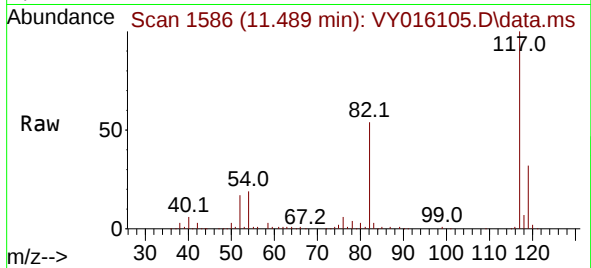




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Instrument :
MSVOA_Y
ClientSampleId :
B3

Tgt Ion:117 Resp: 173397
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016105.D
Acq: 27 Oct 2023 15:10

Tgt Ion:152 Resp: 81008
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 155.9 0.0 348.8

